## Amendment to the Claims:

## 1-8 (Cancelled)

9. (New) A method for prophylaxis and /or treatment of endoparasitosis in an animal, comprising administration to the animal of an effective amount of a compound having the following formula (I):

wherein:

n is 0 or an integer comprised between 1 and 5;

R is a group  $R_2$ -X -C(=Z)-NH-, in which X represents a simple chemical bond, an aromatic or heteroaromatic radical, Z represents an oxygen atom or the NH group;

and:

if X is a simple chemical bond, R<sub>2</sub> is an hydrogen atom, an alkyl, dialkylaminoalkyl, alkenyl, cycloalkyl, arylalkyl, arylalkenyl, haloalkyl, or an aromatic or heteroaromatic radical;

if X is an aromatic or heteroaromatic radical, R<sub>2</sub> is nitro, amino or formylamino;

or:

R is a group R<sub>3</sub>-C(=Z)-, in which Z represents an oxygen atom or the NH group, and R<sub>3</sub> represents a hydrogen atom, the -OR<sub>4</sub> or -NR<sub>5</sub>R<sub>6</sub> group, and where: R<sub>4</sub> is chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, or an aromatic radical;

R5 and R6, either the same or different, are chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, aromatic or heterocyclic radical, optionally substituted with a formylamino or a carbamoyl group; or

R5 and R6, joined together form an alkylene group, or the group -(CH2)2-O-(CH2)2- or the group -(CH2)2-NH-(CH2)2-;

A represents a simple chemical bond or the group -CO-NH-Y-, wherein Y is an alkylene or aromatic radical;

R<sub>1</sub> is chosen from the group consisting of CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>,-COOR<sub>4</sub>, -B-NR<sub>5</sub>R<sub>6</sub>, -C(=NH)-NH<sub>2</sub>, a heterocyclic radical containing nitrogen, wherein:

R4, R5 and R6 are as defined above, B represents a simple chemical bond or the -C=O group, and:

when R<sub>1</sub> is -B-NR<sub>5</sub>R<sub>6</sub>, and B is a simple chemical bond, or when R<sub>1</sub> is a heterocyclic radical, A is not a chemical bond;

or a pharmaceutical acceptable salt thereof.

10. (New) The method of Claim 9, wherein the compound of formula (I) is chosen between distamycin and a compound of formula (I) wherein:

n is as previously defined;

R is the -CONH2 group, A is the -CONHCH2CH2- group, R1 is the

-C(=NH)-NH<sub>2</sub> group or the -CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub> group;

R is the -NH-CH(=NH) group, A is the -CONHCH2CH2- group, R1 is the

- -C(=NH)-NH<sub>2</sub> group or the -CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub> group or the -CONH<sub>2</sub> group; and the pharmaceutically acceptable salts thereof.
- 11. (New) The method according to Claim 9, wherein the endoparasitosis is chosen from Trichomoniasis, Giardiasis, Istomoniasis, Amoebiasis, Coccidiosis, and Balantidiosis.
- 12. (New) The method according to Claim 9, wherein the administration is oral administration.